

Safety and Reliability Engineering

News

Date	Subject
2007-06-19	There will be no lecture next week (2007-06-26). The new exercise is online.
2007-06-13	The new lecture is online.
2007-06-08	New lecture are online.
2007-06-04	New exercise sheet is online
2007-05-24	New slides are online.
2007-05-15	The third exercise sheet is online. The slides of the lecture are online.
2007-05-08	The slides form the last lecture are online
2007-04-24	The slides from the last two lectures are online.
2007-04-23	The second exercise is online. Attention: One exercise date has been changed (from May 23rd to May 16th). The dates in the campus system have been updated.
2007-04-11	The slides of the first lecture are online.
2007-03-13	The lecture starts 2007-04-10.

Contents

Introduction to the problem of reliability and safety engineering and common solutions for this problem.

Lecture

- 2007-04-10: Introduction ([pdf](#))
- 2007-04-17: Terminology ([pdf](#))
- 2007-04-24: Reliability ([pdf](#))
- 2007-05-08: Modeling ([pdf](#), [pdf_no_notes](#))
- 2007-05-15: Redundancy ([pdf](#))
- 2007-05-22: Safety ([pdf](#))
- 2007-06-05: IEC61508 ([pdf](#))
- 2007-06-12: Markov Chains ([pdf](#))
- 2007-06-19: Fault Trees and FMEA ([pdf](#))
- 2007-06-26: No lecture
- 2007-07-03: No lecture
- 2007-07-10: Written Examination

Exercise Course

- 2007-04-11: Terminology ([pdf](#))

- 2007-04-25: Reliability ([pdf](#))
- 2007-05-09: cont. Reliability
- 2007-05-16: Redundancy and Safety ([pdf](#))
- 2007-06-06: Redundancy ([pdf](#))
- 2007-06-20: Markov Chains and Fault Trees ([pdf](#))
- 2007-06-27: Repetition and Fault Trees
- 2007-07-04: Lecture and Questions

Conditions for obtaining the Übungsschein and credit points

For getting the Übungsschein / ECTS points, you'll have to participate in the exercises on a regular basis and pass the exam at the end of the semester.

Results

The results are published [here](#).

Dates

- **Lecture:** Tuesday, 3:45pm - 5:15pm, AH VI
- **Exercise:** Wednesday, 3:15pm - 4:45pm, AH III

The exact dates are available in the [campus system](#)!

Contact

- Questions of general interest can be discussed in the [forum](#).
- [Dr. rer. nat. Andreas Polzer](#)

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